

FIG. 1

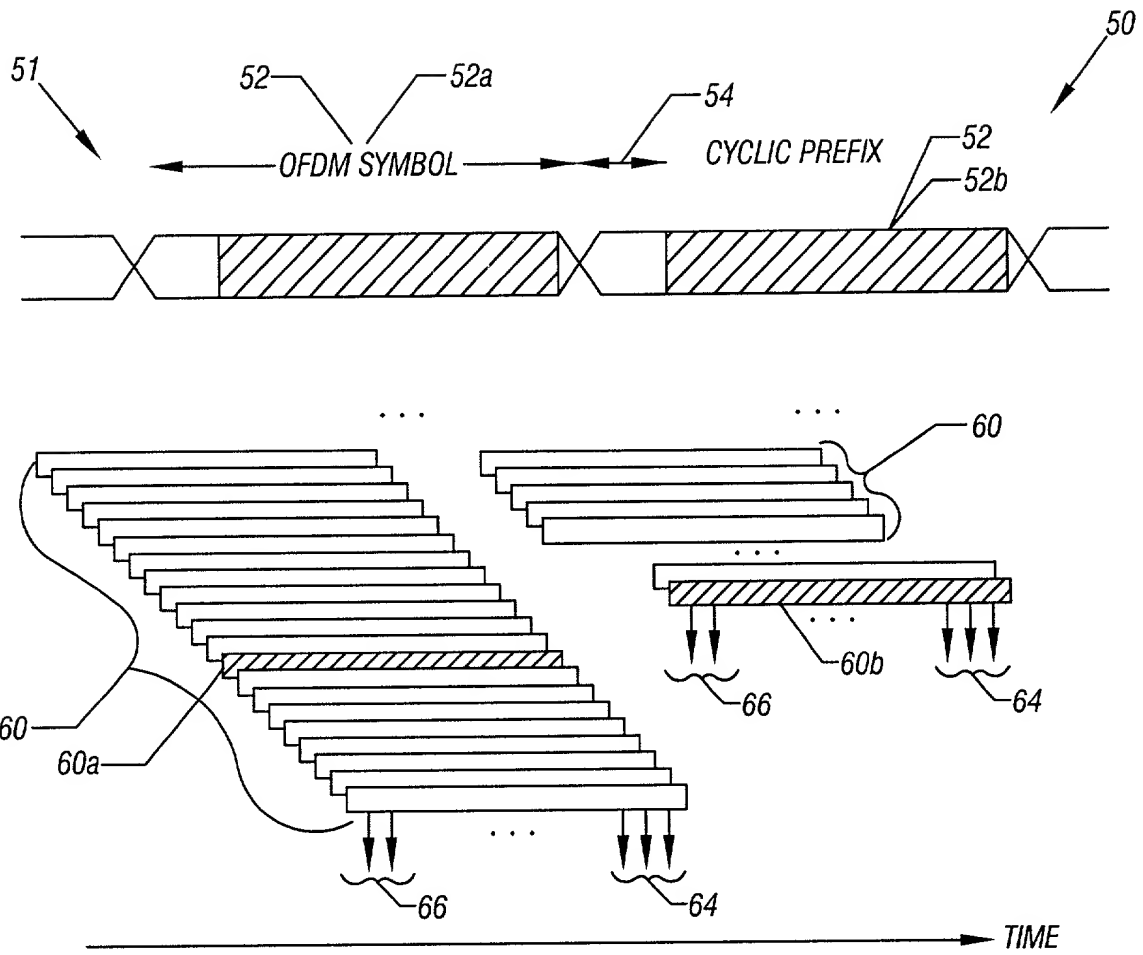


FIG. 2

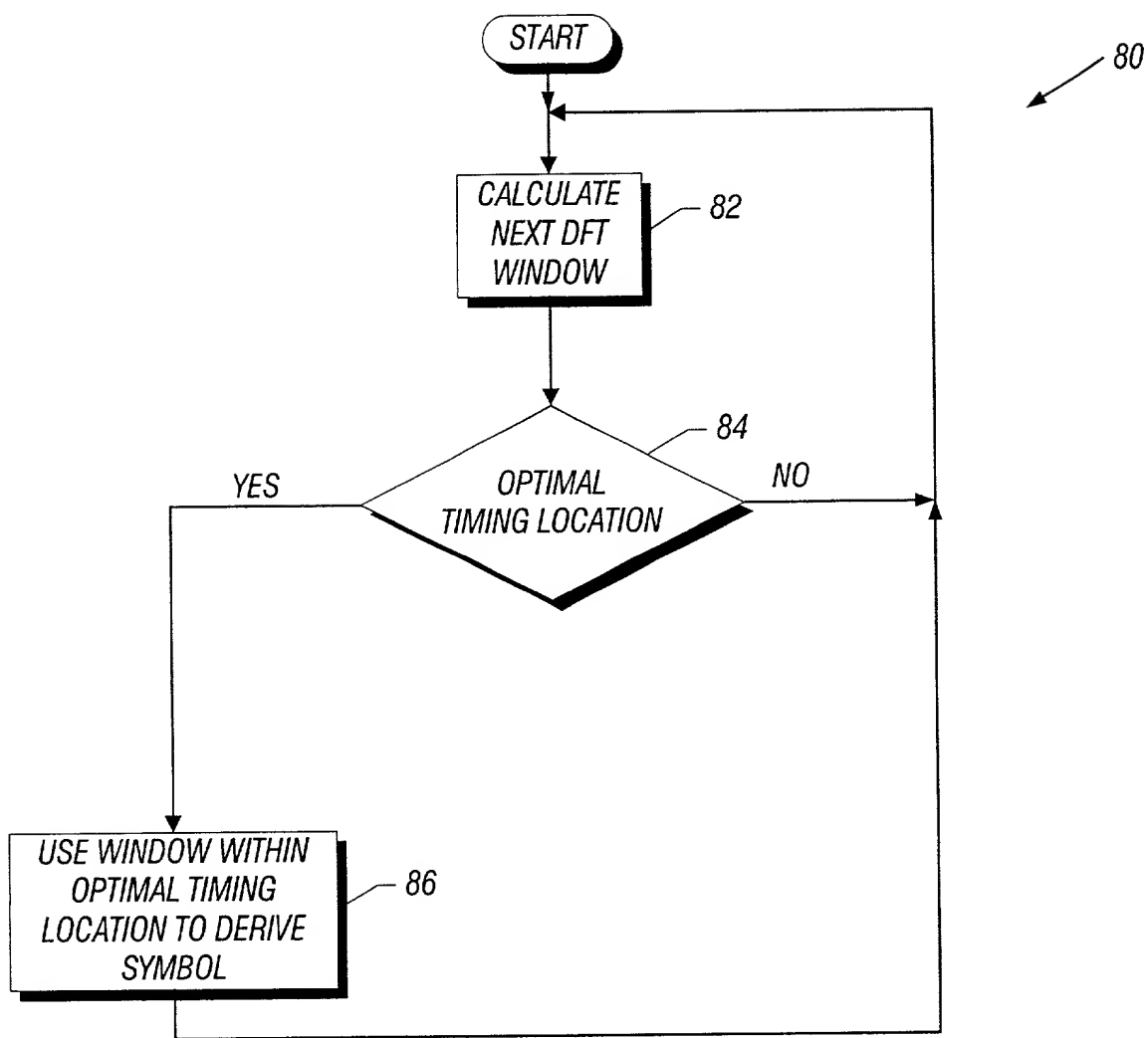


FIG. 3

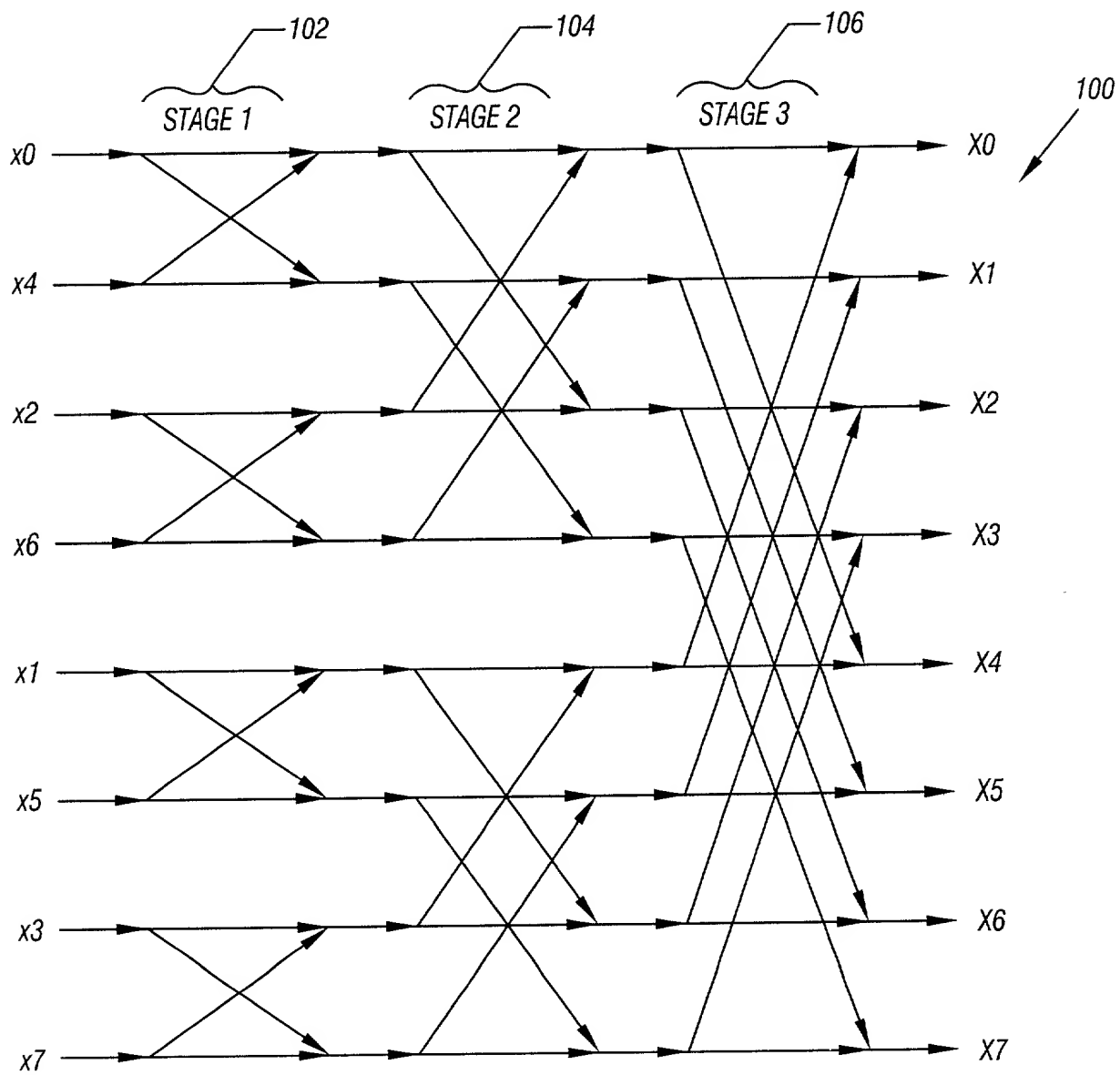


FIG. 4

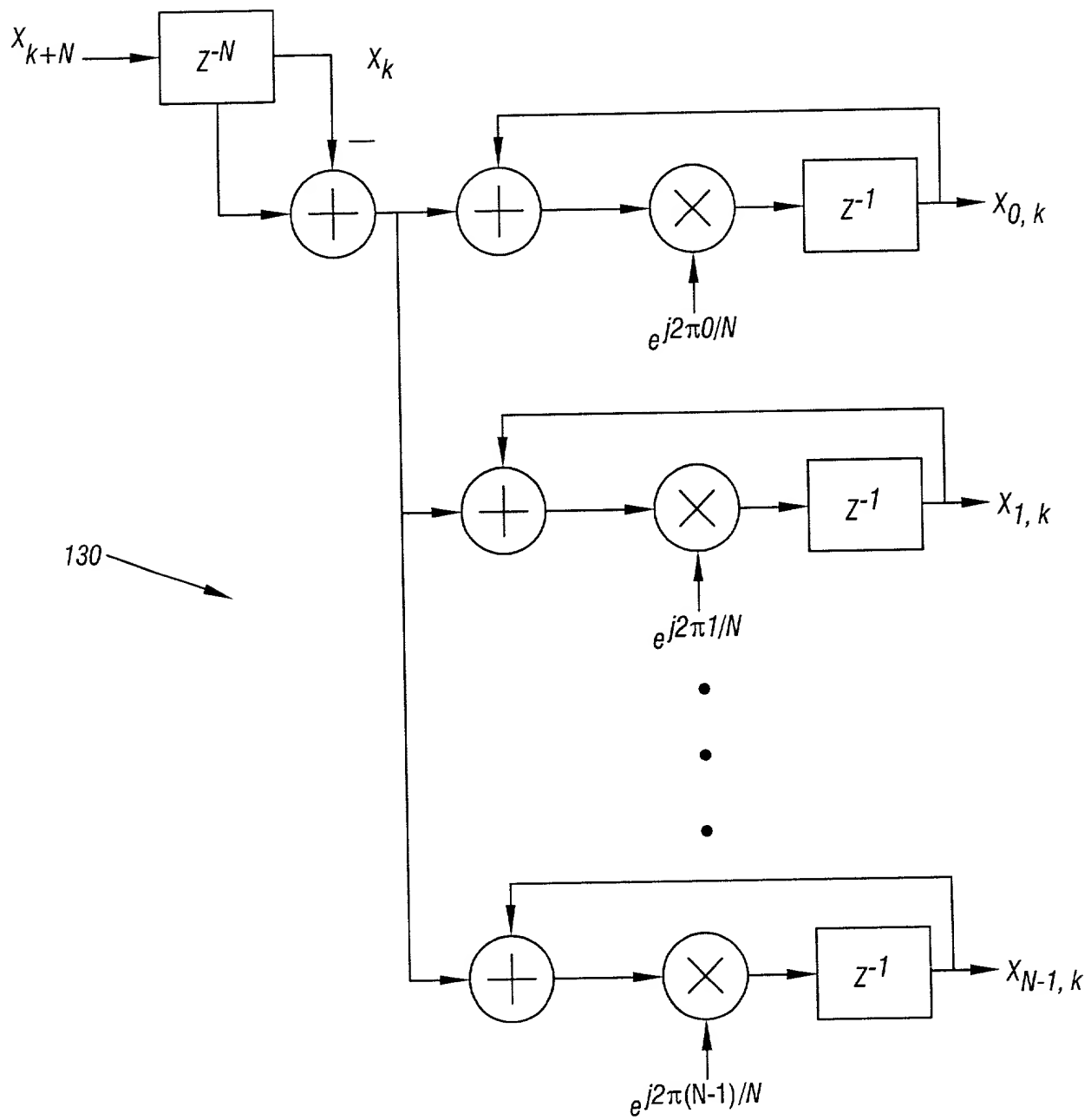
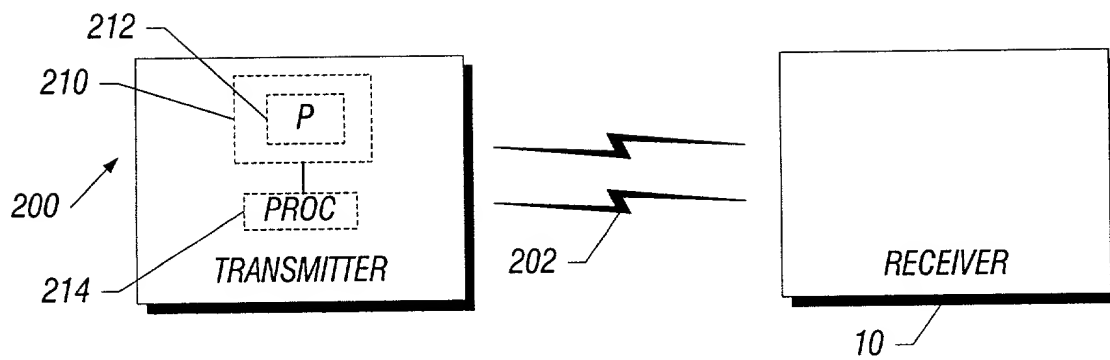


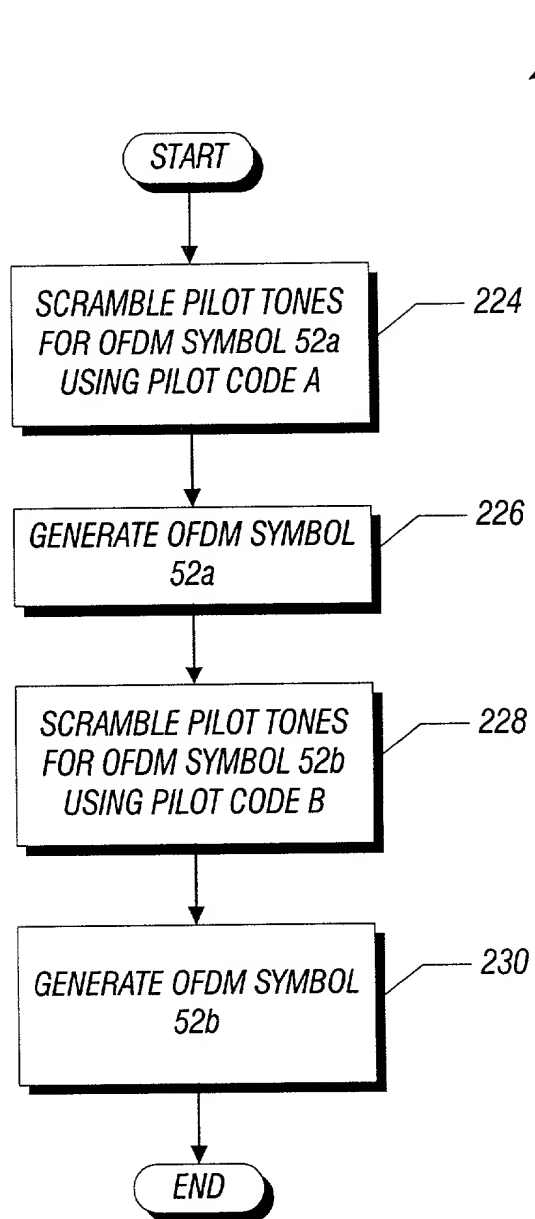
FIG. 5

TOTAL NO. OF SUBCARRIERS (N)	PROCESSING REQUIRED FOR FFT $N \log_2(N)$	EQUIVALENT SUBCARRIERS USING swDFT: $\sqrt{N \log_2(N)}$
16	64	4
32	160	5
64	384	6
128	896	7
256	2048	8
512	4608	9
1024	10240	10
2048	22530	11
4096	49150	12

FIG. 6



**FIG. 7**



**FIG. 8**



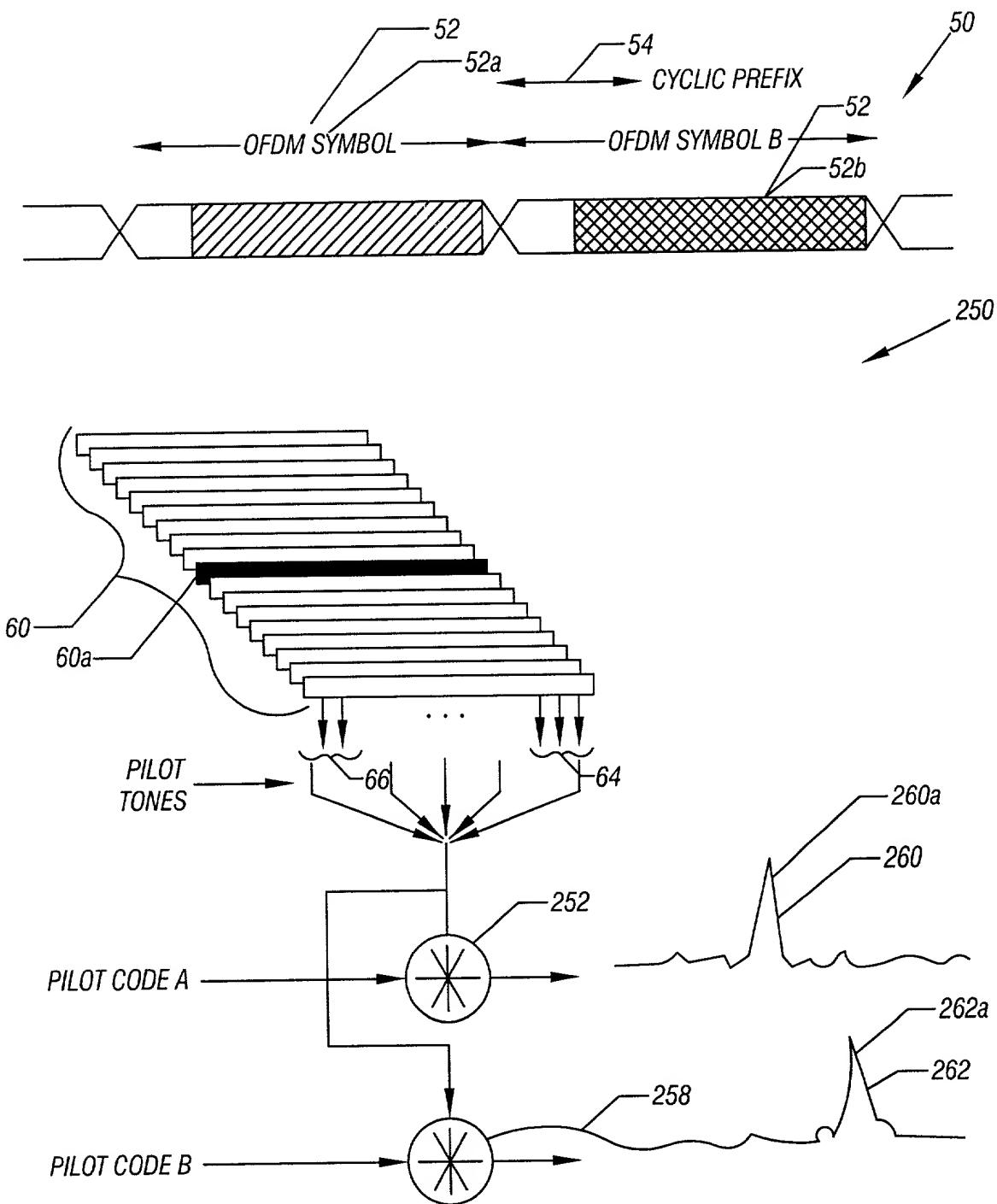


FIG. 9